



MacBook Air 13" Early 2015 Dual Microphone Replacement

Replace the dual mic in your MacBook Air 13" Early 2015.

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INTRODUCTION

Use this guide to replace the double microphone assembly in your MacBook Air 13" Early 2015.



TOOLS:

- [P5 Pentalobe Screwdriver Retina MacBook Pro and Air](#) (1)
- [Spudger](#) (1)
- [T5 Torx Screwdriver](#) (1)



PARTS:

- [MacBook Air 13" \(Mid 2013 to Early 2015\) Microphone](#) (1)

Step 1 — Lower Case



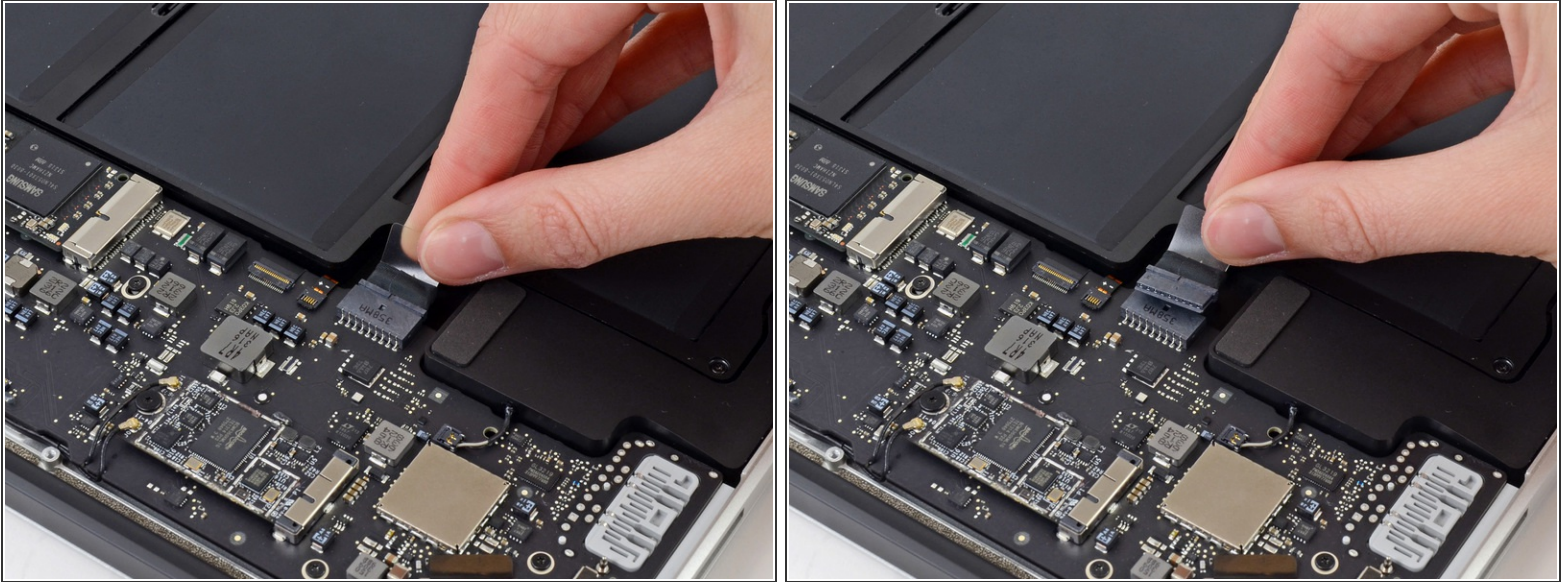
- **Before proceeding, power down your machine. Close the display and lay it on a soft surface top-side down.**
- Remove the following ten screws:
 - Two 9 mm P5 Pentalobe screws
 - Eight 2.6 mm P5 Pentalobe screws
- The special screwdriver needed to remove the ten 5-point Pentalobe screws can be found [here](#).

Step 2




- Wedge your fingers between the display and the lower case and pull upward to pop the lower case off the Air.
- Remove the lower case and set it aside.

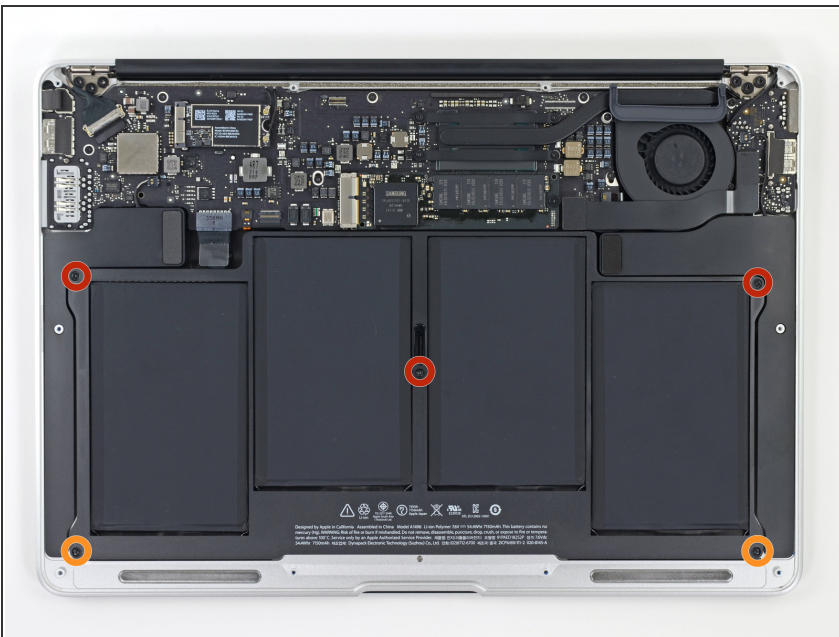
Step 3 — Battery



- Grab the clear plastic pull tab attached to the battery connector and pull it toward the front edge of the Air to disconnect the battery from the logic board.

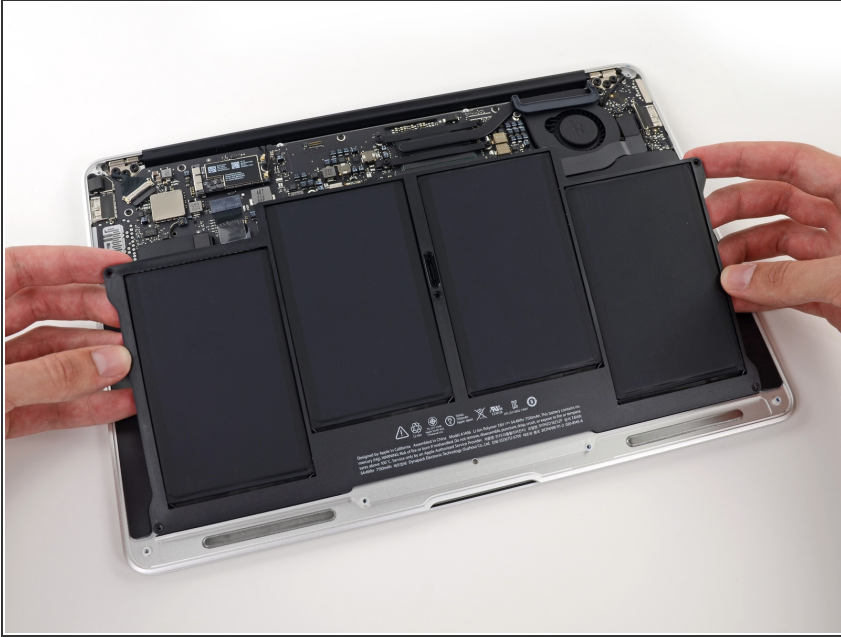
 **Do not lift upward** on the connector as you disconnect it. Pull the connector away from the socket.


Step 4




- Remove the following five screws securing the battery to the upper case:
 - Three 6.9 mm T5 Torx screws
 - Two 3.0 mm T5 Torx screws

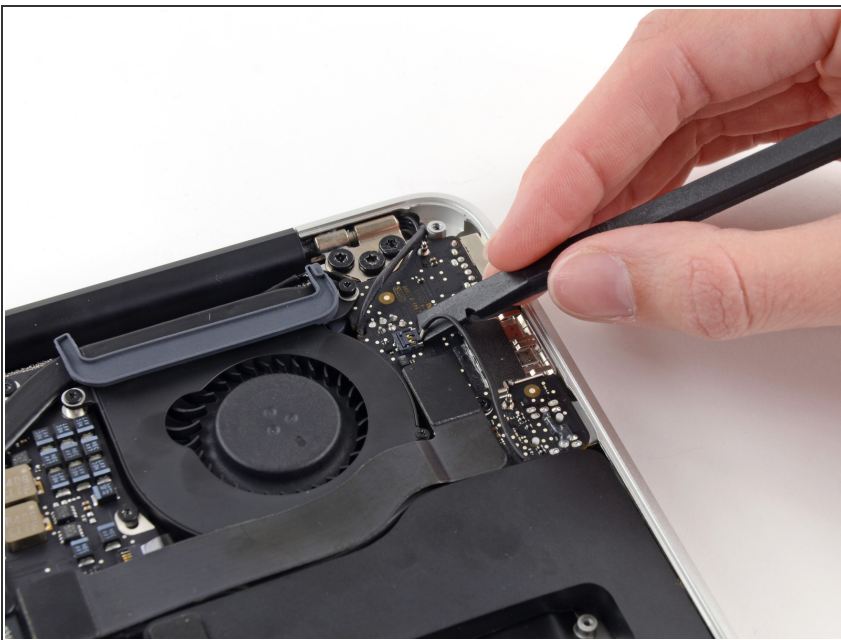
Step 5




 When handling the battery, avoid squeezing or touching the four exposed lithium polymer cells.

- Lift the battery from its edge nearest the logic board and remove it from the upper case.
-  If you're installing a new battery, you should calibrate it before using it: allow it to drain overnight, then charge it to 100%. Let it continue charging for two more hours, then drain it again until your MacBook Air shuts down automatically. Charge it again and use it normally.

Step 6 — Left Speaker



- Use the flat end of a spudger to pry the left speaker cable connector up and out of its socket on the I/O board.

 Pry up from beneath the wires.

Step 7



- Use the flat end of a spudger to pry the left speaker off the adhesive securing it to the upper case.
- Remove the left speaker from the upper case.

Step 8 — Microphone



- Use the flat end of a spudger to pry the I/O board cable connector up out of its socket on the I/O board.
- ⓘ You do not need to remove the I/O board cable, simply bend it out of the way.
- Carefully peel, but do not remove, the I/O board cable off the adhesive securing it to the top of the fan.

Step 9

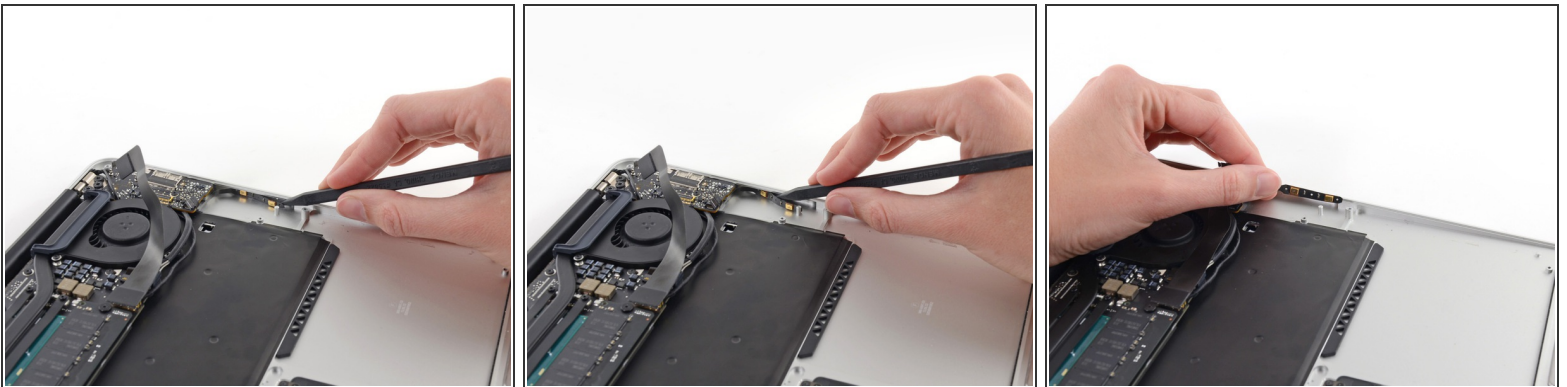


- Use the tip of a spudger to carefully flip up the retaining flap on the microphone ribbon cable ZIF socket.

⚠ Make sure you are flipping up the retaining flap, **not** the socket itself.

- Carefully push the microphone ribbon cable straight out of its socket on the I/O board.

Step 10



- Use the tip of a spudger to pry the microphone off the adhesive securing it to the left side of the upper case.
- Remove the microphone from the upper case.

To reassemble your device, follow these instructions in reverse order.

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